

THE ISGIDAR NEWSLETTER

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PLEASE ATTEND!!!

2013 ISGIDAR SCIENTIFIC MEETING — San Diego, CA

The 2013 annual ISGIDAR Scientific Meeting will be held Saturday June 15th as a satellite session immediately preceding the annual scientific meeting of the College on Problems of Drug Dependence. The location is Hilton Bayfront Hotel, San Diego, California. Continental breakfast and registration will begin at 8:30 AM. Talks will be presented from 9 AM to approximately 5 PM with a 60 min lunch break beginning at 12 PM. Registration is \$80 and can be paid in advance or at the door. Lunch will be free with pre-registration by May 1st. Registration will be **waived** for students, post-doctoral fellows, and international attendees.

2012 ISGIDAR Meeting Program
8:00 a.m. - 5:00 p.m. Saturday, June 9th, 2012
La Quinta Resort and Club, Flores 4, Palm Springs, CA

- 8:00 – 8:30** Registration, breakfast
- 8:30 – 8:35** Welcoming remarks
Bill Fantegrossi, University of Arkansas for Medical Sciences Department of Pharmacology and Toxicology, ISGIDAR President
- 8:35 – 8:55** Effects of chronic treatment with lofexidine on cocaine self-administration and food-maintained responding in rhesus monkeys.
Stephen Kohut*, Peter Fivel and Nancy Mello, McLean Hospital Alcohol and Drug Abuse Research Center
- 9:00 – 9:20** Pavlovian-Instrumental interaction during acquisition of intravenous heroin self-administration
Francesco Leri, University of Guelph Department of Psychology
- 9:25 – 9:45** Oxycodone self-administration in individuals with chronic pain and opioid dependence: Buprenorphine as a promising therapeutic option.
Perrine Roux*, Maria A. Sullivan and Sandra D. Comer, Columbia University Department of Psychiatry, Division on Substance Abuse
- 9:50 – 10:15** NKTR-192: a novel, orally available μ -opioid agonist with reduced rate and extent of CNS exposure exhibits reduced abuse liability in rodent models of self-administration and drug discrimination
David V. Gauvin*, Kathleen Gogas, Juergen Pfeiffer, Hema Gursahani, C. Simone Fishburn, Aleksandrs Odinecs, Xue Snow Ge, Michael A Eldon, Stephen D. Harrison, Timothy A. Riley, Stephen K. Doberstein and Jennifer Riggs-Sauthier, Nektar Therapeutics and MPI Research Inc.
- 10:20 – 10:40** Coffee break

2012 STUDENT TRAVEL AWARD PRESENTATIONS

- 10:40 – 10:45** Introduction of 2012 ISGIDAR Travel Award winner
Wendy Lynch, University of Virginia, Psychiatry and Neurobehavioral Sciences, ISGIDAR Treasurer
- 10:45 – 11:05** Voluntary exercise during abstinence attenuates nicotine seeking during extinction in an adolescent-onset model of addiction
Victoria Sanchez, University of Virginia Neuroscience Graduate Program,
ISGIDAR travel award winner (sponsored by Richard Foltin and Suzette Evans)
- 11:10 – 11:15** Introduction of 2012 SEAB Travel Award Winner
Drake Morgan, University of Florida Department of Psychiatry & Division of Addiction Medicine, ISGIDAR Secretary

11:15 – 11:35 Ibudilast and AV1013 attenuate methamphetamine self-administration in rats.
Sarah E. Snider, Virginia Commonwealth University Pharmacology and Toxicology
SEAB travel award winner (sponsored by the Society for the Experimental Analysis of Behavior)

11:40 – 12:00 Peer influences on drug self-administration: (attempts at) modeling predictions of selection theory
Mark A. Smith* and Elizabeth G. Pitts, Davidson College Department of Psychology, Program in Neuroscience

12:05 – 1:15 Lunch – sponsored by GRUNENTHAL 

MINI-SYMPOSIUM ON REINFORCING EFFECTS OF NICOTINE IN PRE-CLINICAL MODELS

1:20 – 1:40 Effects of three minor tobacco alkaloids in rodents that discriminate or self-administer nicotine.
S. Barak Caine*, Greg Collins, Morgane Thomsen, Ryan K. Lanier†, Curtis Wright IV†, and Nancy K. Mello, McLean Hospital Alcohol and Drug Abuse Research Center and Rock Creek Pharmaceuticals†

1:45 – 2:15 Receptor theory and the stimulus properties of drugs: Nicotine as a punisher.
Nhu Truong and James H. Woods*, University of Michigan Department of Pharmacology

2:20 – 2:40 “I don’t know why nicotine is such a poor reinforcer either.”
Gail Winger, University of Michigan Department of Pharmacology

2:45 – 3:05 Development of a rodent model to test potential abuse liability of smokeless tobacco: Efficacy of intravenous versus subcutaneous nicotine self administration.
Darlene H. Brunzell*, Karen E. Boshen, Yun Ding and Justin L. Poklis, Virginia Commonwealth University Pharmacology and Toxicology

3:10 – 3:30 Coffee break – sponsored by Cayman Chemical 

3:35 – 3:55 Efficacy of an adenovirus-based anti-cocaine vaccine on reducing cocaine self-administration in rhesus monkeys using a choice procedure.
Suzette M. Evans*, Richard W. Foltin, Martin Hicks, and Ronald G. Crystal, Columbia University Department of Psychiatry, Division on Substance Abuse and Weill Cornell Medical College, Department of Genetic Medicine

4:00 – 4:20 Comparison of the reinforcing and subjective effects of intravenous and intranasal buprenorphine among intravenous and intranasal heroin users.
Jermaine D. Jones and Sandra D. Comer, Columbia University Department of Psychiatry, Division on Substance Abuse

4:20 – 5:00 ISGIDAR business meeting

The 2012 ISGIDAR Meeting was supported in part by the generous contributions of:

Grunenthal USA, Inc.



(with special thanks to Dr. Marta Sokolowska, Ph.D., Director, Center for Abuse Liability)

Cayman Chemical



This year's travel awards were made possible by:

- **a charitable contribution from Dr. Richard Foltin and Dr. Suzette Evans**
- **funds provided by the Society for the Experimental Analysis of Behavior (SEAB)**

**Many thanks to our
supporters!**

UPCOMING MEETING ANNOUNCEMENTS

2013 ISGIDAR SCIENTIFIC MEETING — San Diego, CALIFORNIA
Hilton Bayfront Hotel – June 15th, 2013
<http://www.cpdd.vcu.edu/Pages/Meetings/FutureMeet.html>

2013 American Psychological Association Annual Meeting — Honolulu, HAWAII
Hawai'i Convention Center
July 31 – August 4, 2013
<http://www.apa.org/convention>

2013 Behavioral Pharmacology Society — Boston, MA
April 19-20, 2013
<http://www.aspet.org/meetings.aspx>

PAST MEETING REPORT

2012 ISGIDAR SCIENTIFIC MEETING — Palm Springs, CA

The 2012 annual ISGIDAR Scientific Meeting was held June 9th in Palm Springs, CA. We had a great meeting as a satellite session on the Saturday preceding the College on the Problems of Drug Dependence annual meeting. The day was filled with interesting talks from 8:30 am until about 4:20 pm (schedule above), followed immediately by the business meeting.

Dr. Bill Fantegrossi, as President, led the meeting. We are in the middle of the 2-year cycle of various terms, so there were no nominations or changing of anything (including Wendy Lynch remaining Treasurer for another year – thanks so much!).

There were a handful of topics discussed at the meeting. One issue regarding our budget is that there are a handful of folks who pre-register (and get a lunch ordered for them), but fail to show up. This recurring problem could potentially cost us money, although to date there have been attendees who have been willing to eat up the free lunch. If this continues to be an issue, we might consider including a “cancellation policy” (i.e. financially punish this behavior). The email list is being actively worked on. If you do not receive emails from ISGIDAR (and probably will not receive this newsletter), please let me know (drakem@ufl.edu). We are working with Connie Pollack at CPDD to update and clean up the email lists.

How's the budget? We're doing pretty well. We have an approximately \$8000 surplus. The group decided to continue to waive registration fees for post-docs and students, to continue with the free lunch, and to have student travel awards. Everyone agrees that the travel awards should continue – good stuff. We had 42 paid registrants for the meeting, and the costs associated with the meeting were approximately \$1000. We should keep doing what we're doing.

Dr. Ian Stolerman and Dr. Fantegrossi spoke about the drug discrimination and self-administration databases. There was talk about the history (creation of these databases, funding sources, etc), including how financial support failed to get renewed and the search engine will not work anymore (as of June 2012 – although the database will continue to be available for download). There are tentative plans to see if there's any way for ISGIDAR or SPDD to host the database. We will continue to work with CPDD in order to determine if they could handle it. Along similar lines, Bill Fantegrossi will continue to talk to Connie Pollack and CPDD regarding the ISGIDAR website (we all understand that it is woefully out of date).

Thanks to two very generous groups of people, we had two student travel award winners! The ISGIDAR travel award (supported by Drs. Suzette Evans and Richard Foltin) went to Victoria Sanchez from the University of Virginia (currently working in ISGIDAR member Wendy Lynch's lab), and the Society for the Experimental Analysis of Behavior (SEAB) student travel award winner (1st year this award was available) was Sarah Snider from Virginia Commonwealth University (ISGIDAR member Patrick Beardsley's lab). There is still time to apply for this year's awards!

There were 9 new members inducted into our group. Please welcome Sarah Snider, Victoria Sanchez, Andrew Norwood, Jermaine Jones, David Maguire Zhiqiang Meng, Shawn Anderson, Claudio Zanettini, and Alexis Peterson (in no particular order) to ISGIDAR.

We're all looking forward to seeing everyone in San Diego, CA for the next ISGIDAR meeting. Although it's last minute...please consider submitting a talk title and/or a travel award application to drakem@ufl.edu.

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